

Patent claims

1. A method for recognizing and refusing DoS and DDoS attacks on server systems of network providers and operators by means of an electronic intermediary device implemented in a computer network, wherein the electronic intermediary device contains a computer program for carrying out defense against the DoS and DDoS attacks, for each one of an IP connection request, performing the following steps:

registering the IP connection request;

checking the validity of the registered IP connection request, and while the registered data packet is being checked for validity;

sending a periodic acknowledgement signal to preserve the network connection, and after receiving confirmation of the validity of the IP connection request;

forwarding a data packet associated with the IP connection request to a target system which was the subject of the IP connection request.